

Patent Abstracts of Japan

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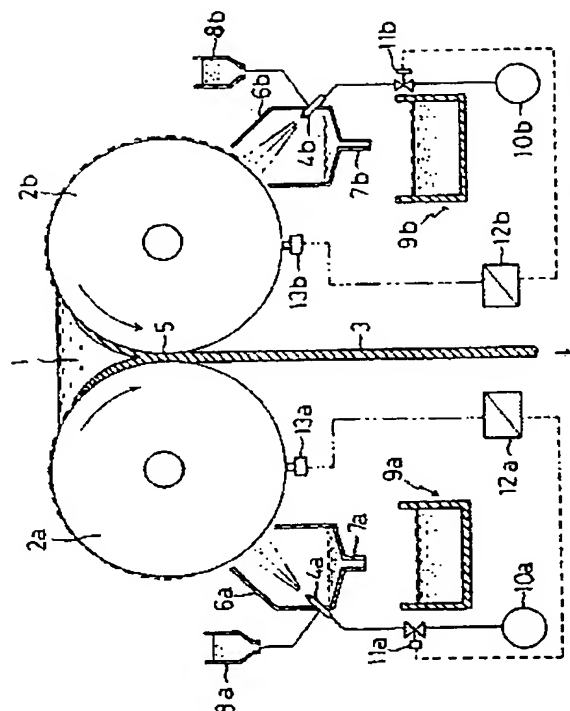
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TITLE : METHOD AND APPARATUS FOR ROLL
TYPE STRIP CONTINUOUS CASTING



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ABSTRACT : PURPOSE: To prevent uneven cooling of a strip by continuously spraying coating agent on surface of a rotating roll and controlling this coating rate based on surface temp of the roll.

CONSTITUTION: The surface temps. of the rolls before spraying are detected with surface thermometers 13a, 13b and these detected signals are transmitted to the control panels 12a, 12b, and control signals are transmitted to the pressure control valves 11a, 11b to control each blowing speed and blowing quantity of the coating agent in the range of setting value based on the roll temp. The coating agent is contained in the coating agent vessels 8a, 8b and the compressed air from a compressed air sources 10a, 10b is supplied into the spray nozzles 4d, 4b through the pressure control valves 11a, 11b and the coating agent is sprayed from the nozzles 4a, 4b, while adjusting blowing quantity of the coating agent by adjusting the compressed air pressure.

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